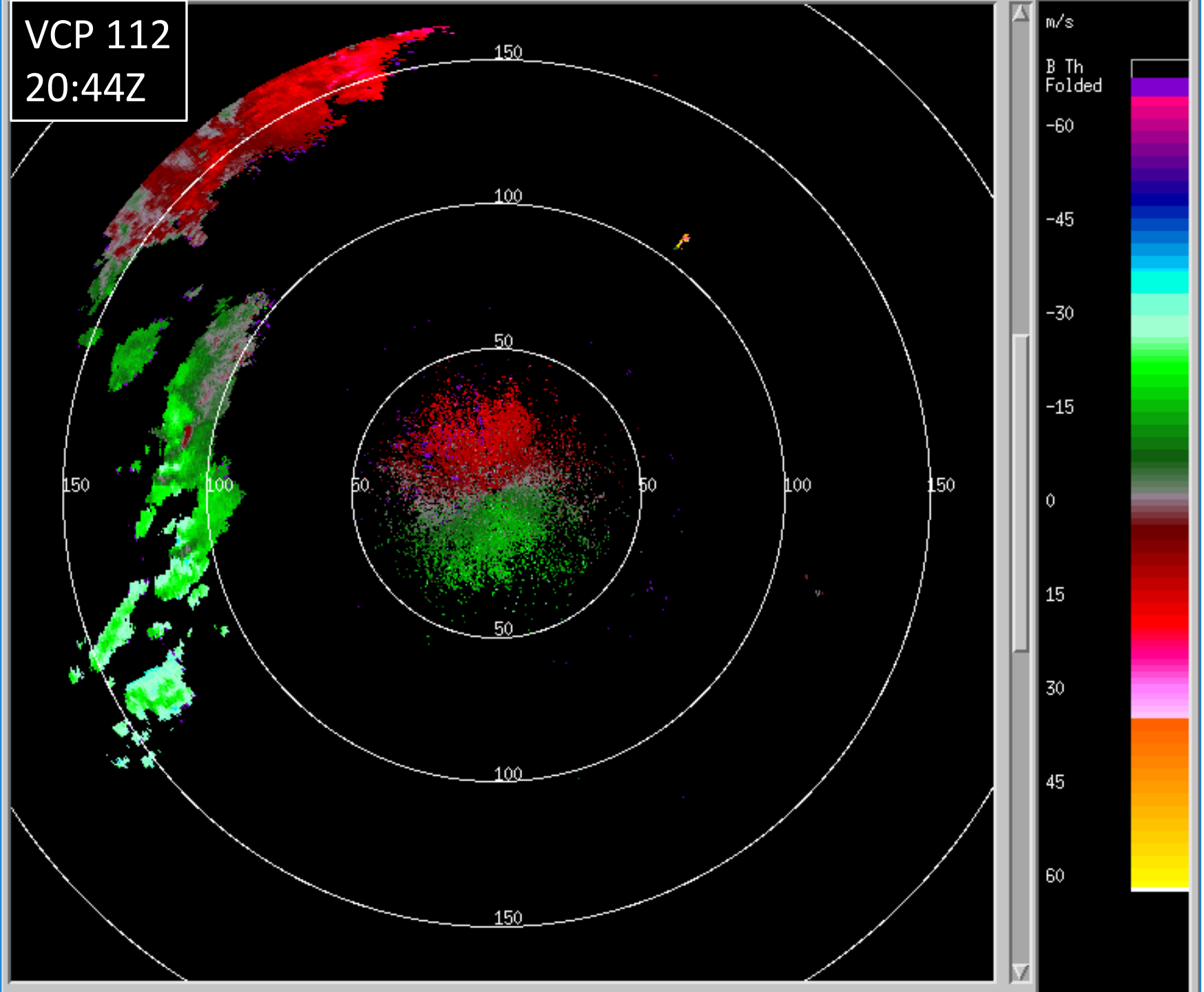
FOP1 – 02 May 2018, 20:44 UTC to 03 May 2018, 02:56 UTC VCP 112, 0.5° Elevation

VCP 112 falls in every 3rd volume scan due to VCP sequencing of 112, 135, & 212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m/s
B Th
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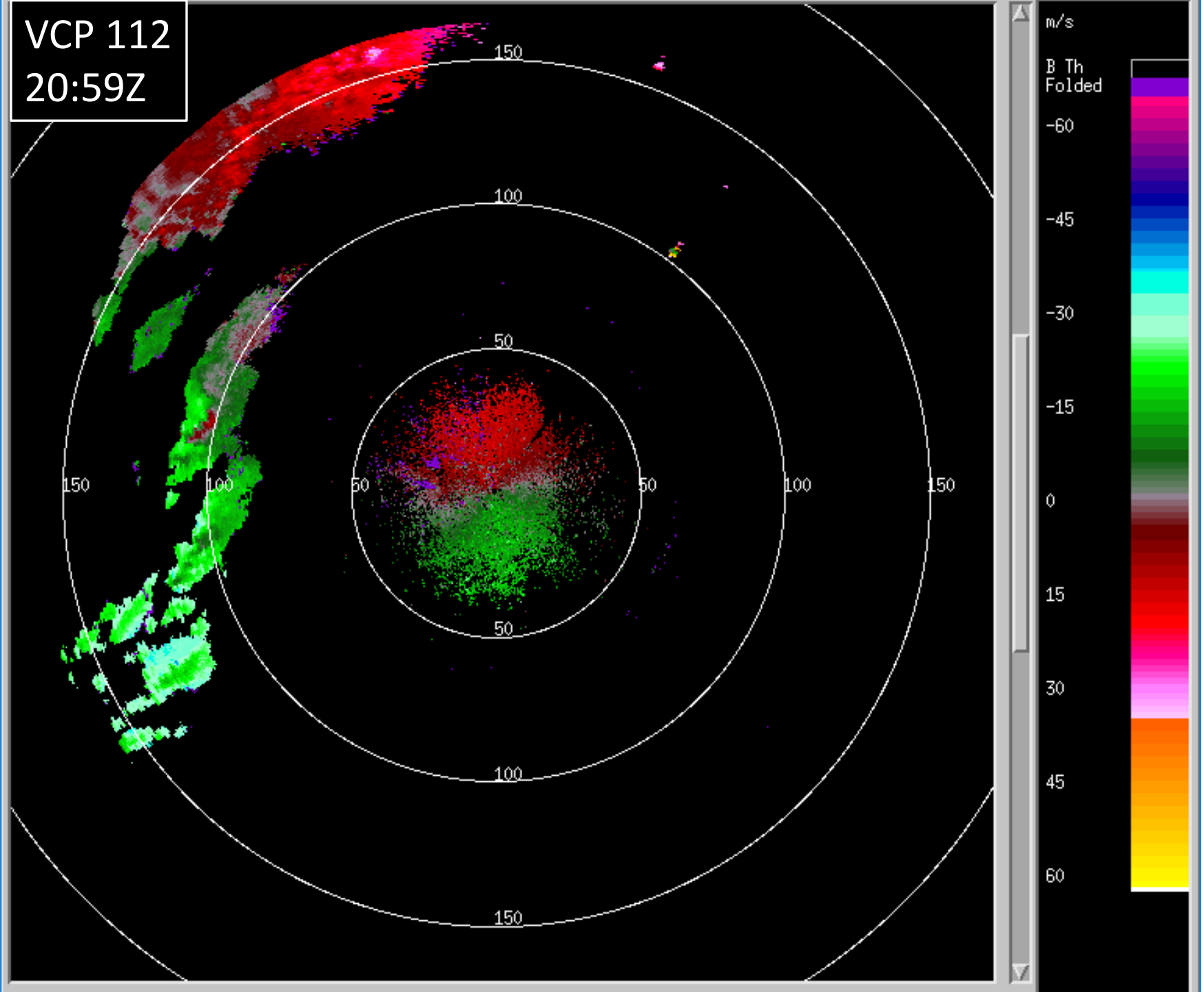
VCP 112
20:59Z
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100
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m/s
B Th
Folded
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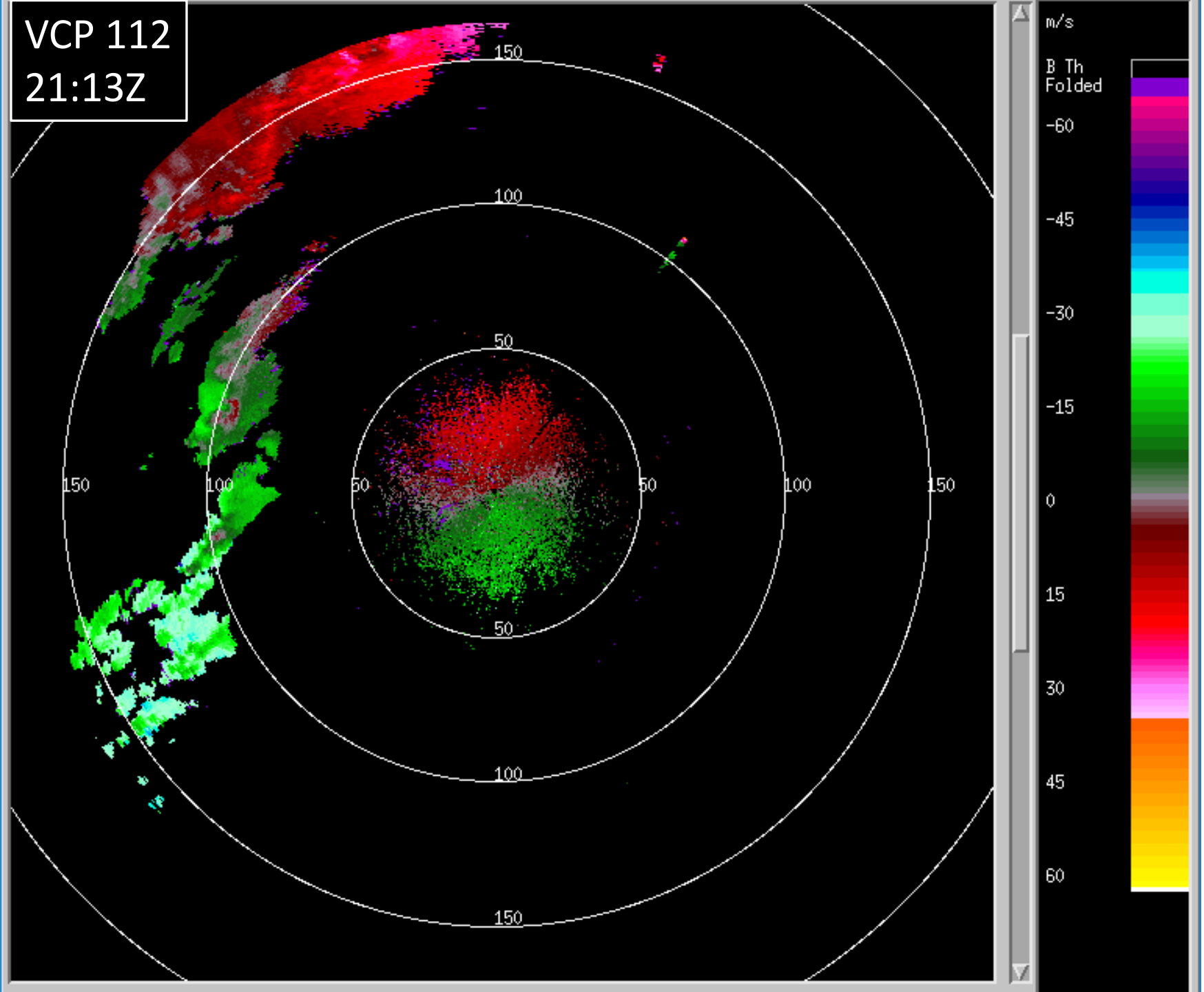
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m/s
B Th
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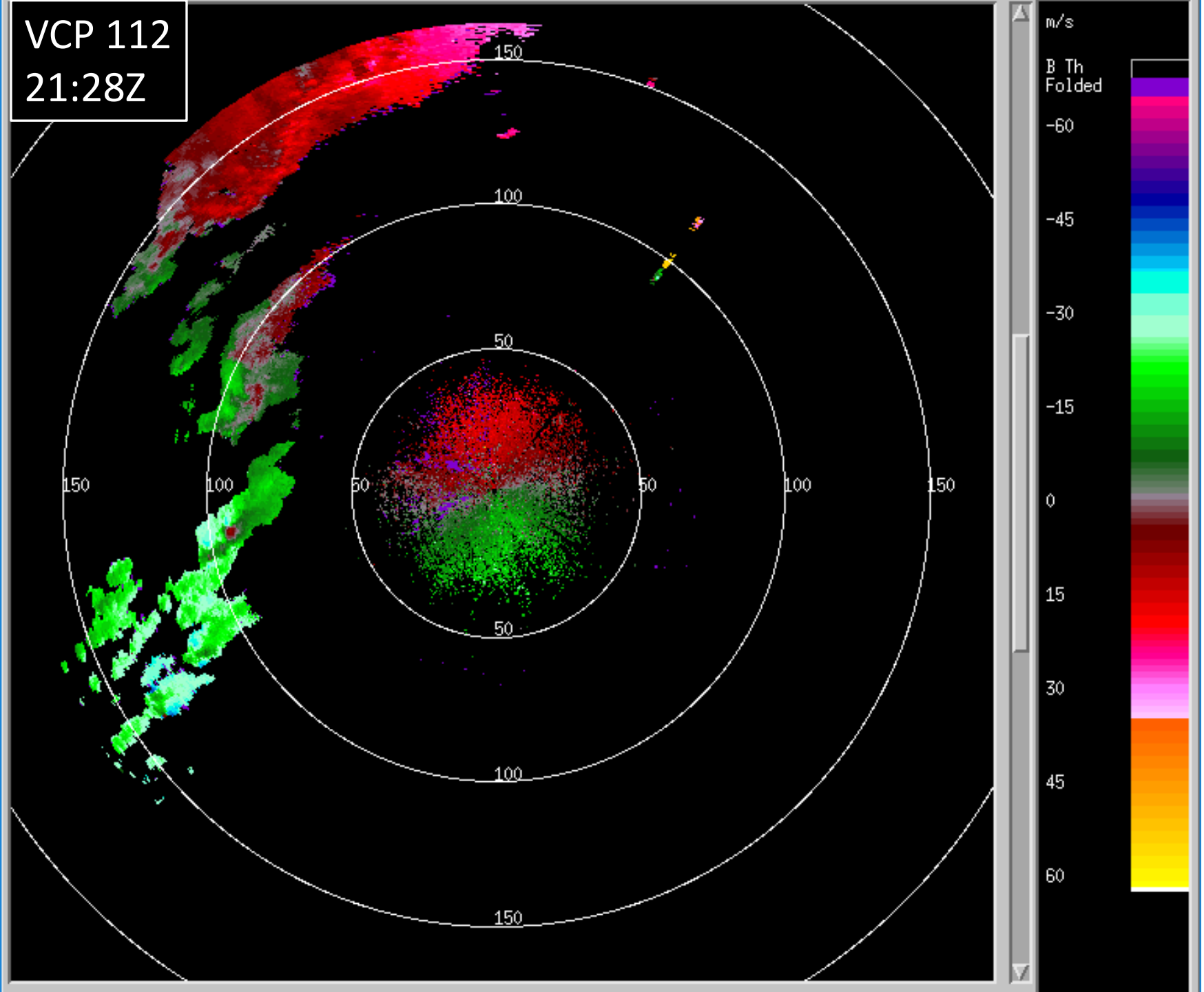
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m/s
B Th
Folded
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45
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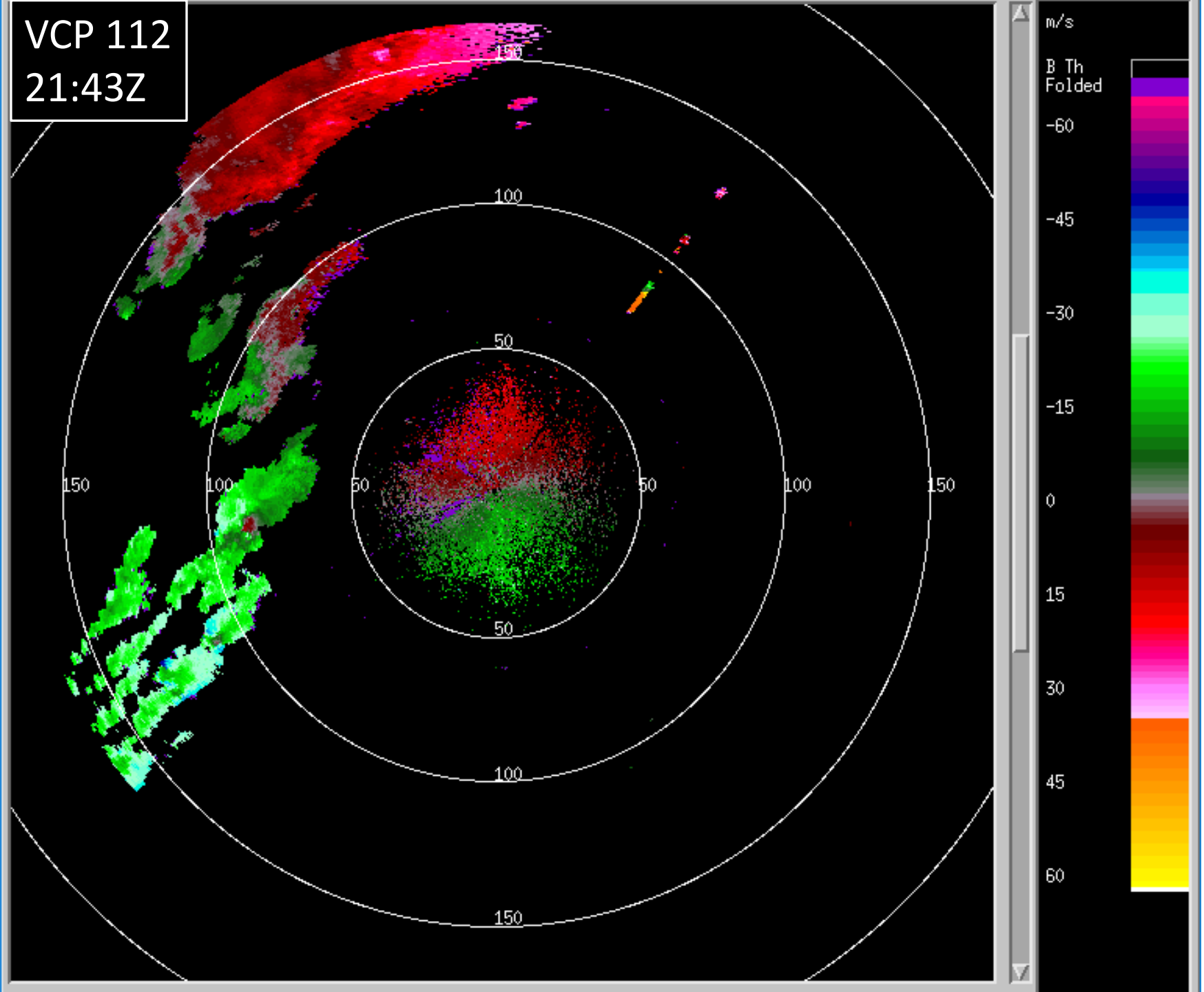
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m/s
B Th
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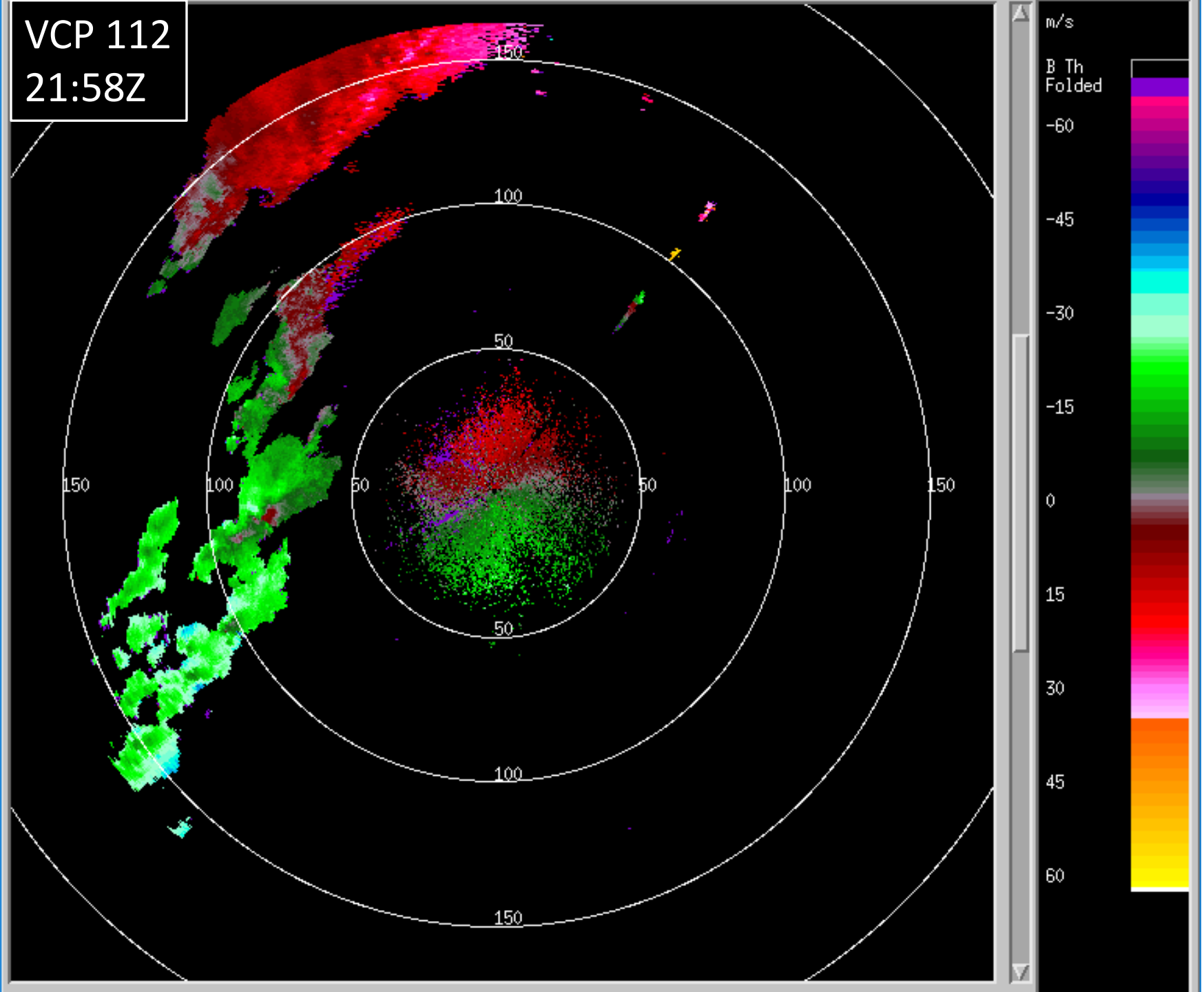
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100
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150
m/s
B Th
Folded
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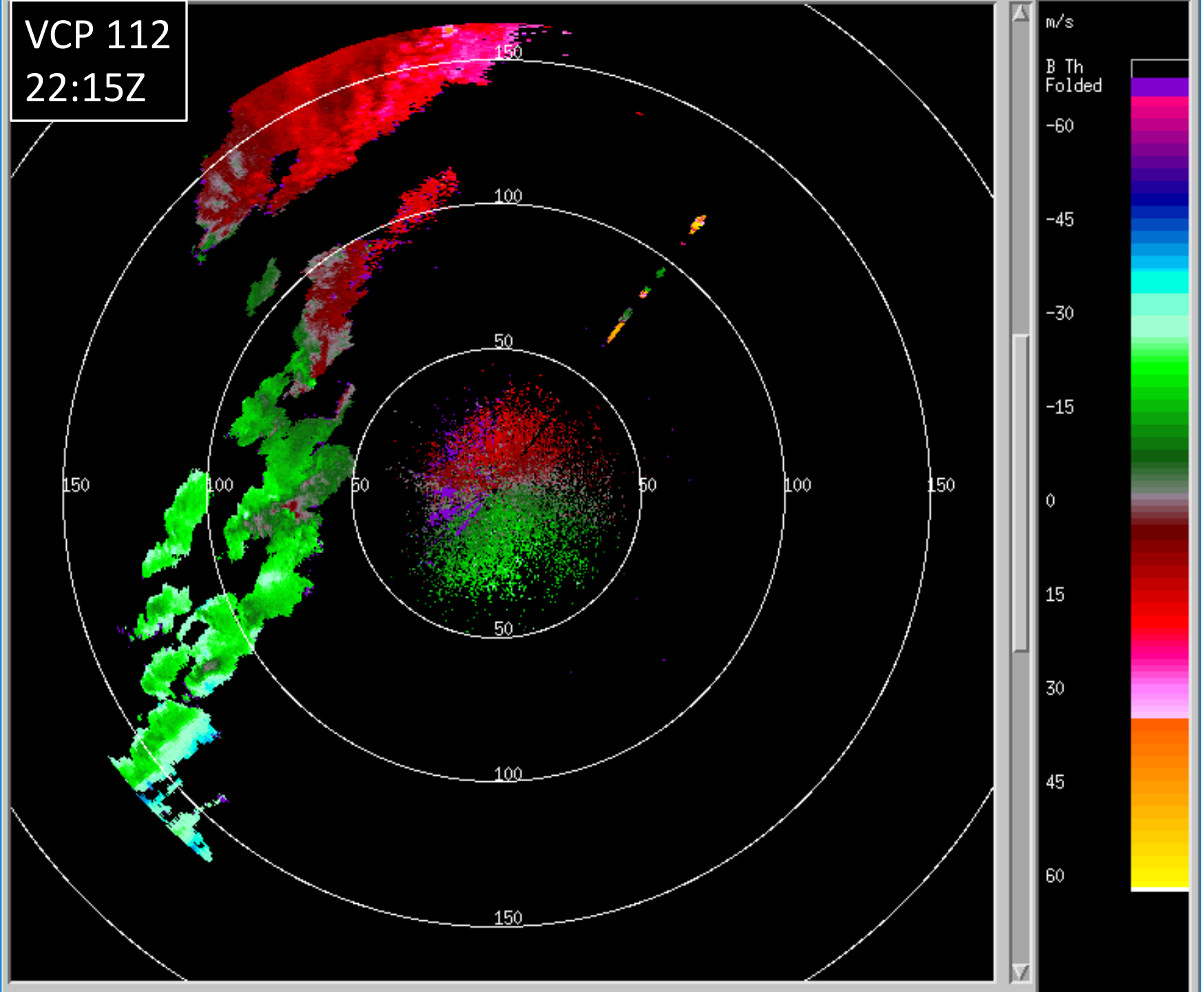
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m/s
B Th
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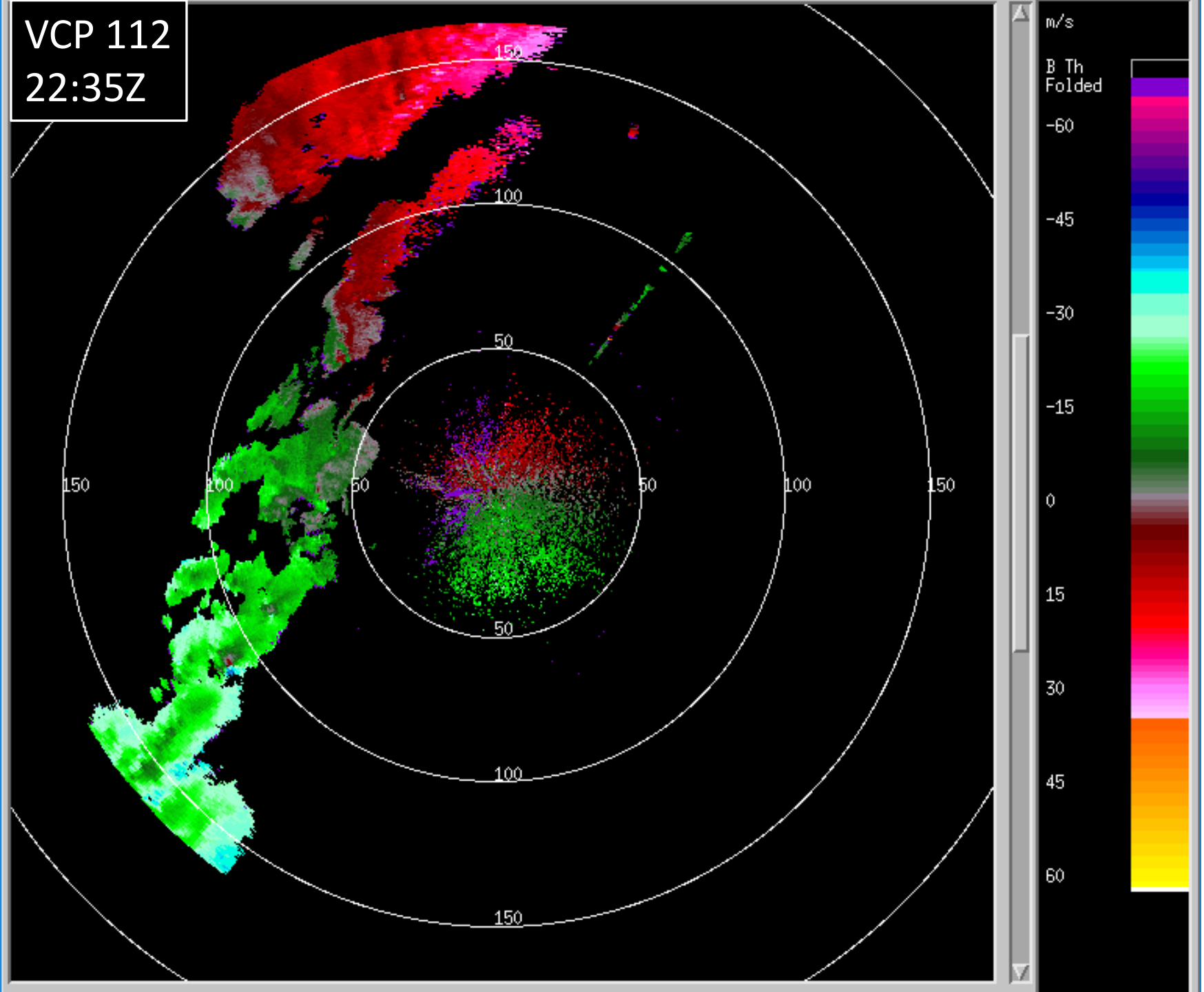
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m/s
B Th
Folded
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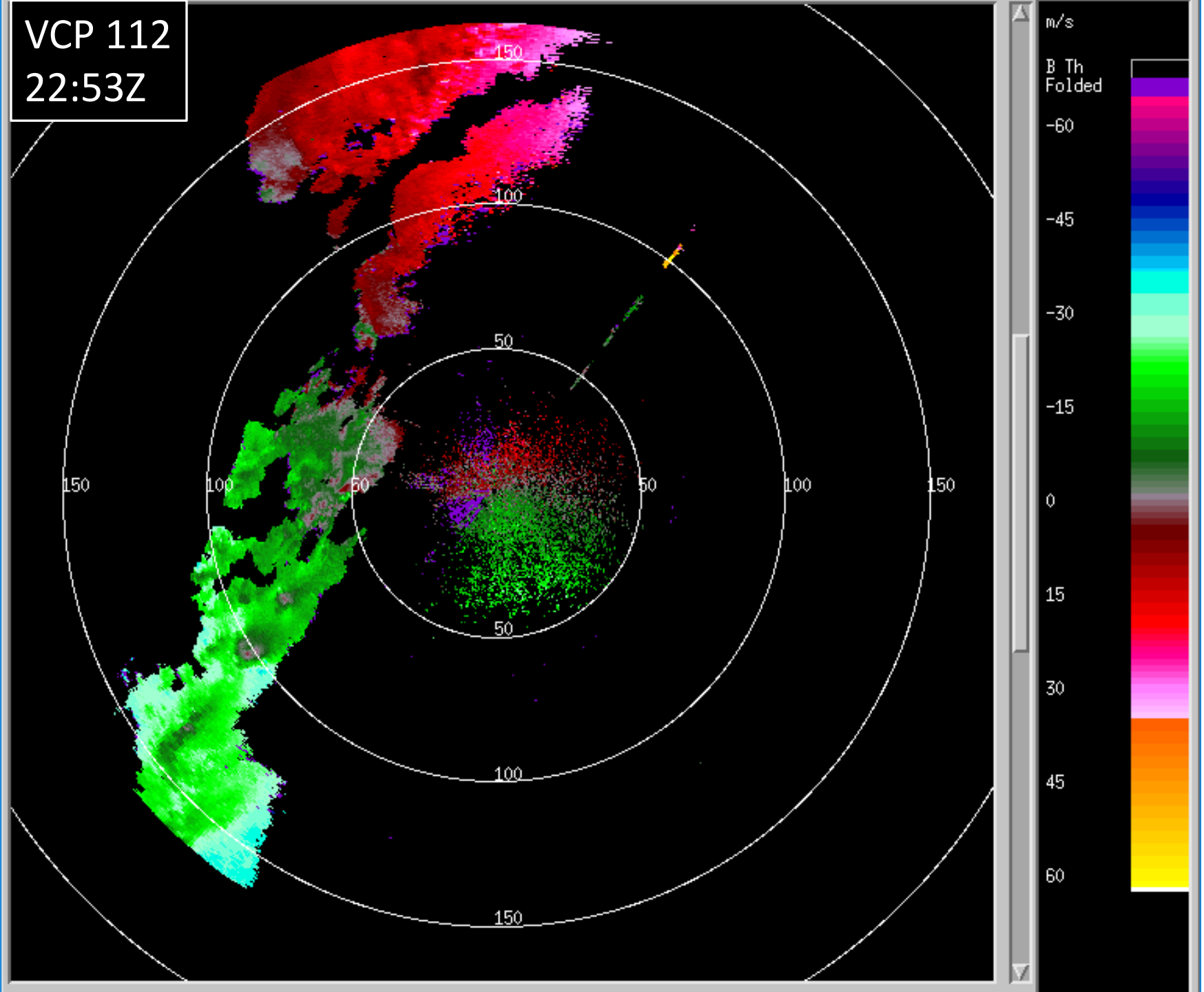
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100
150
m/s
B Th
Folded
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45
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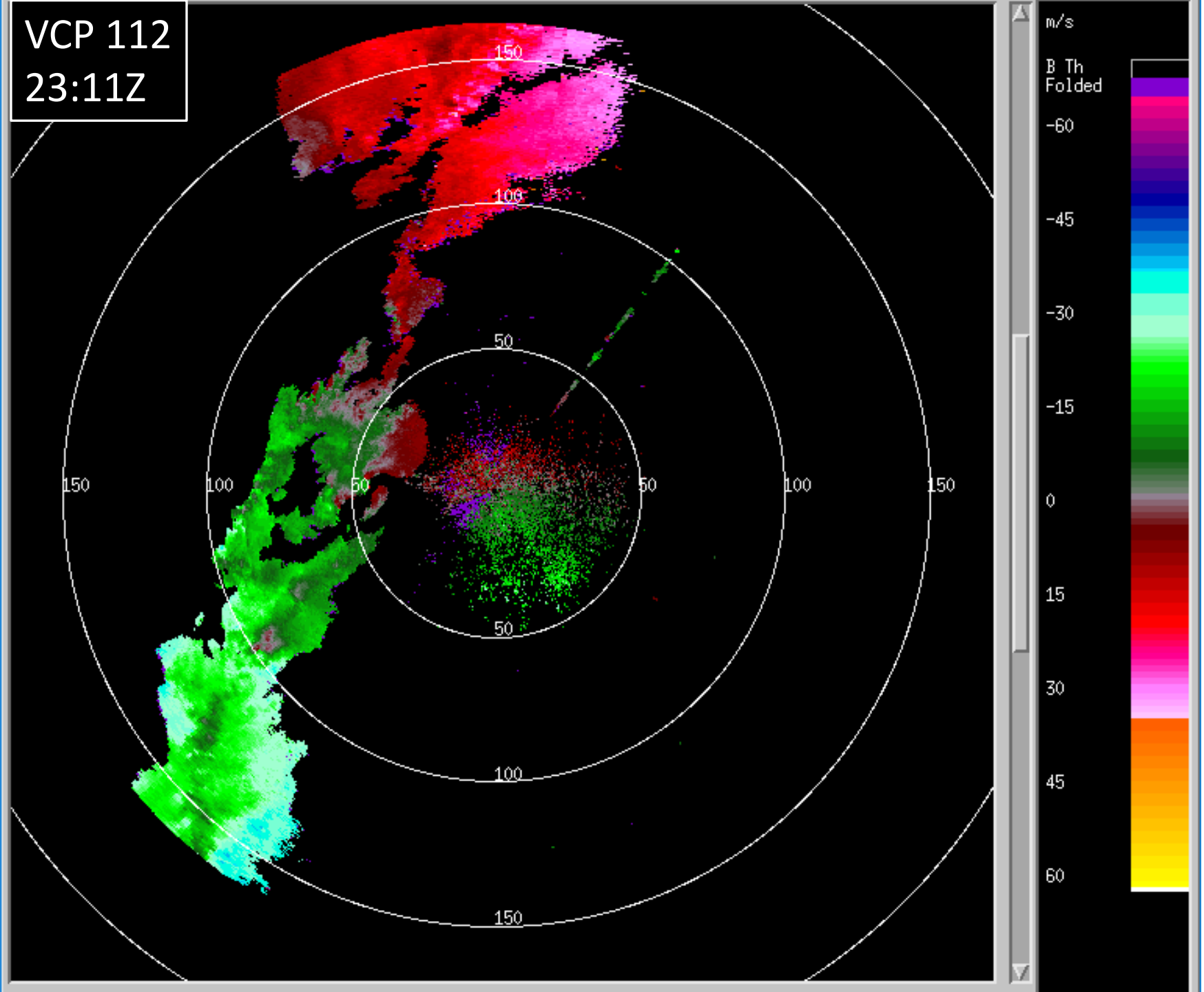
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100
150
m/s
B Th
Folded
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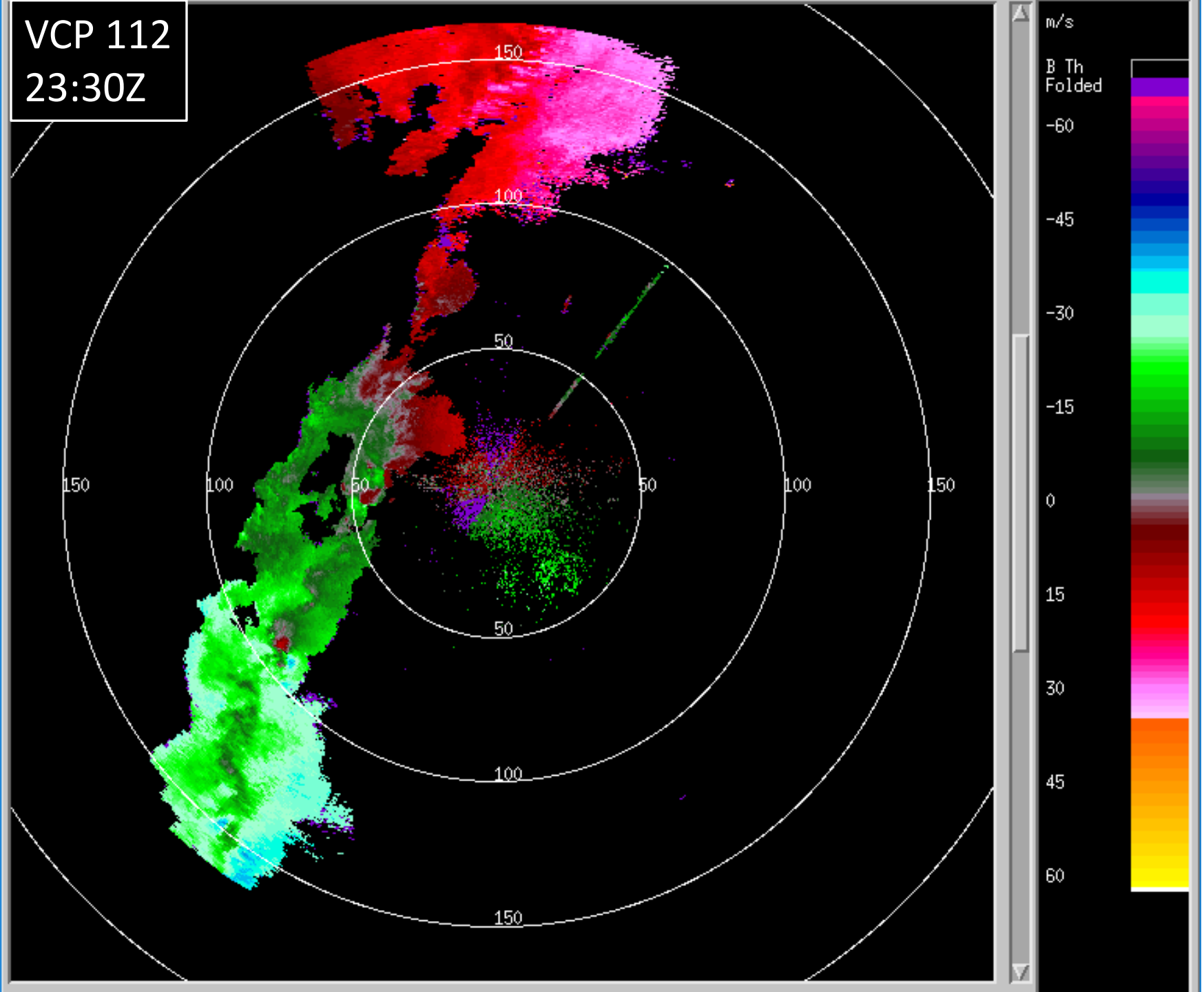
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m/s
B Th
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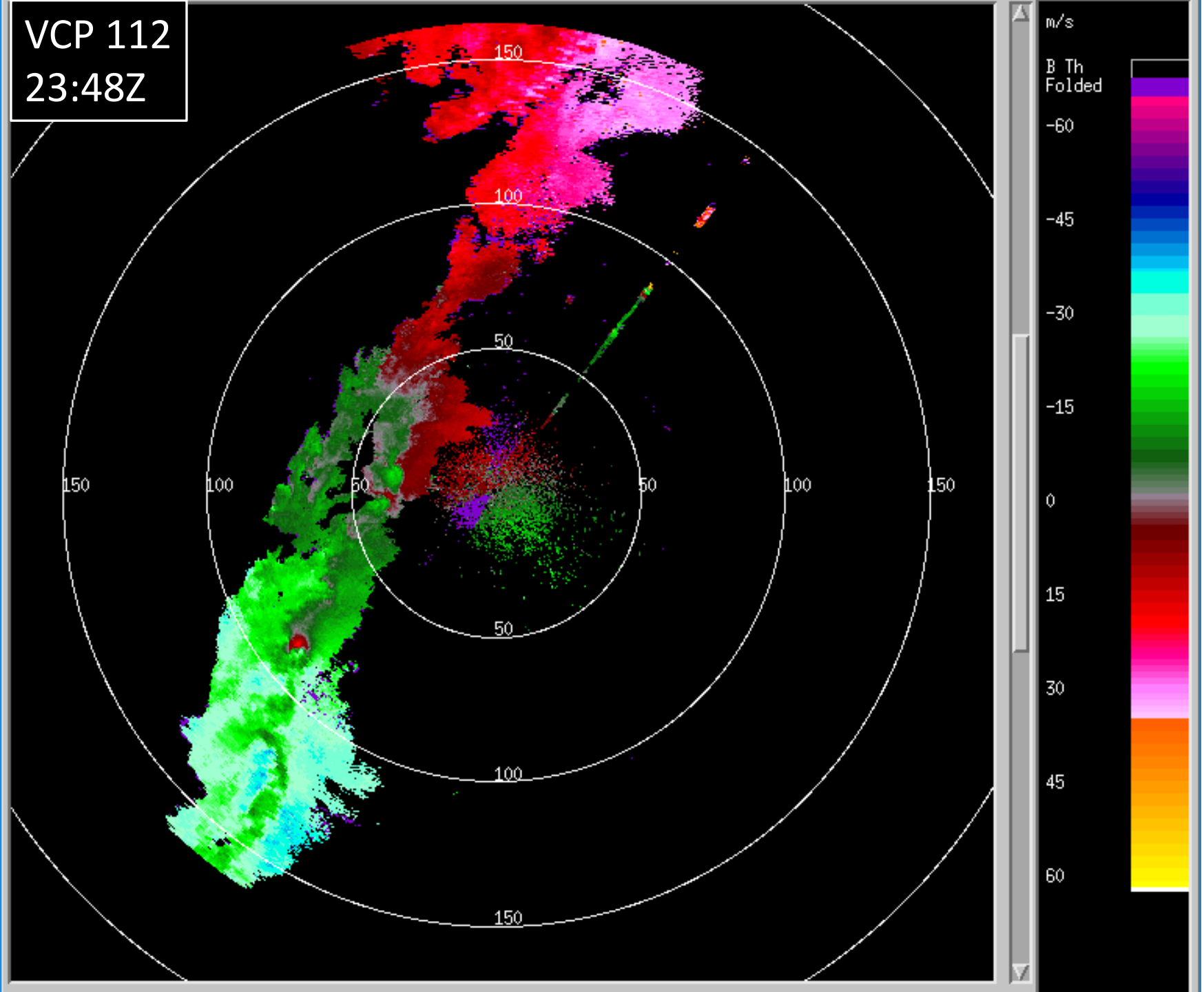
VCP 112
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m/s
B Th
Folded
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0
15
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45
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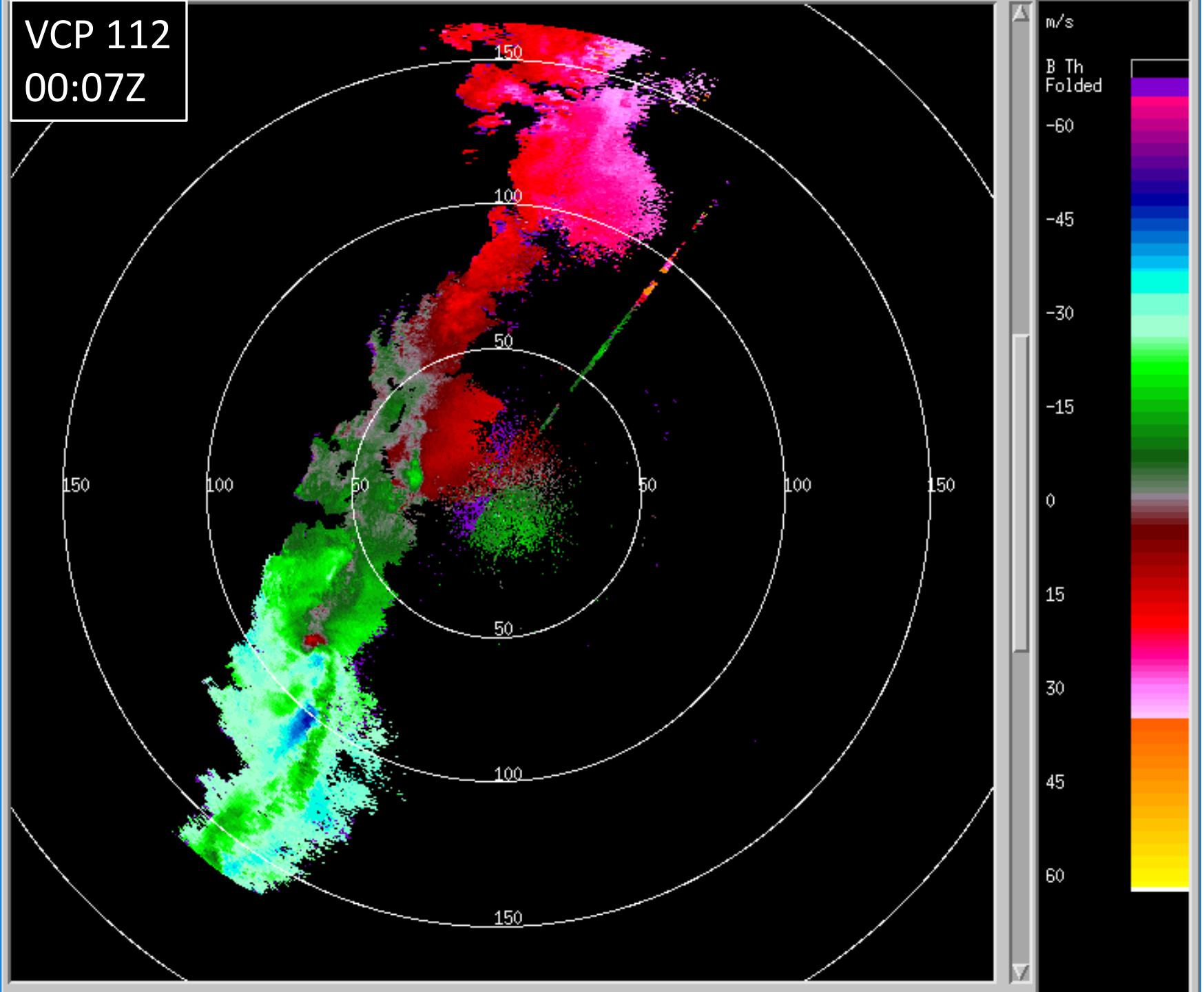
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m/s
B Th
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45
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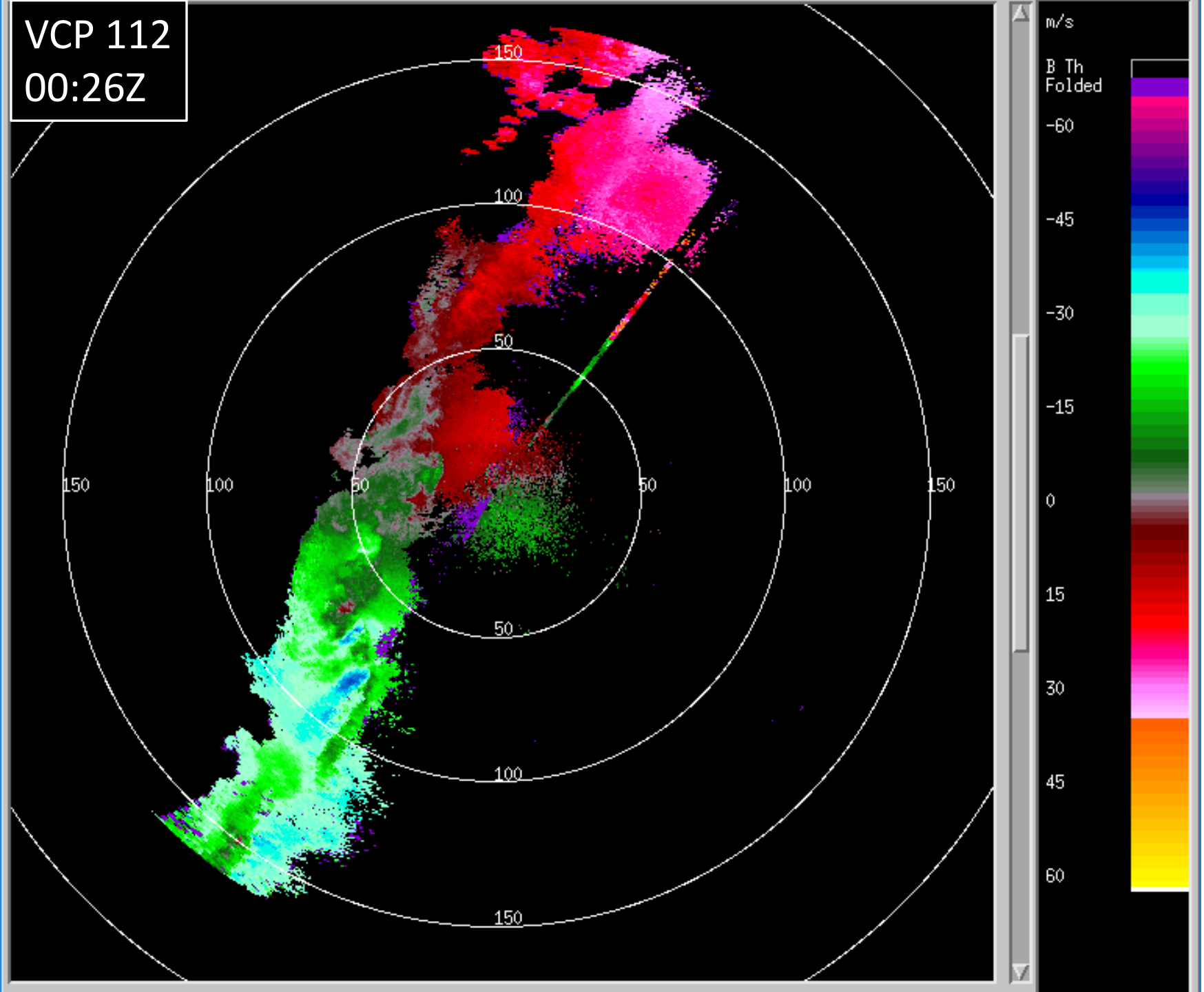
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m/s
B Th
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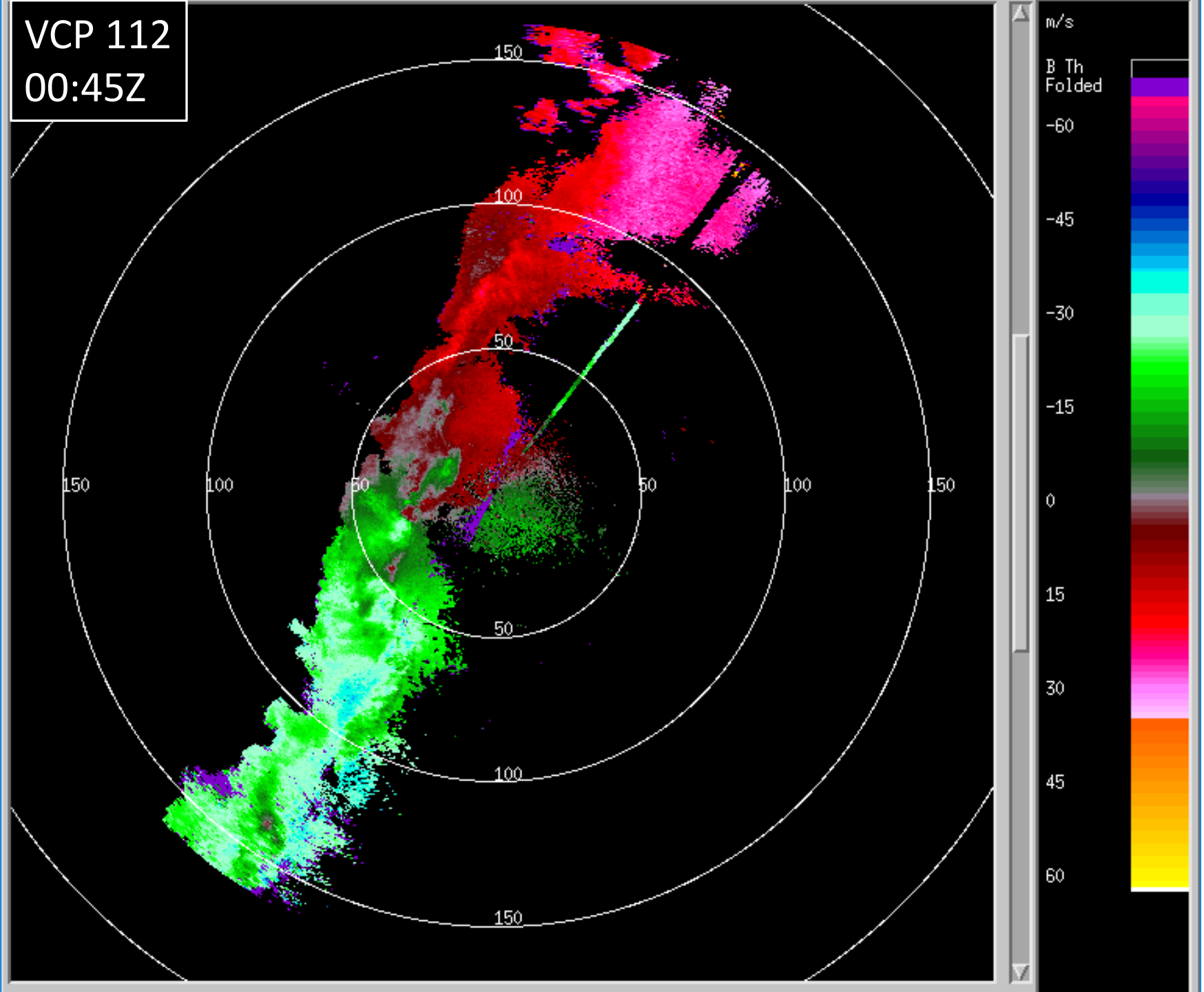
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m/s
B Th
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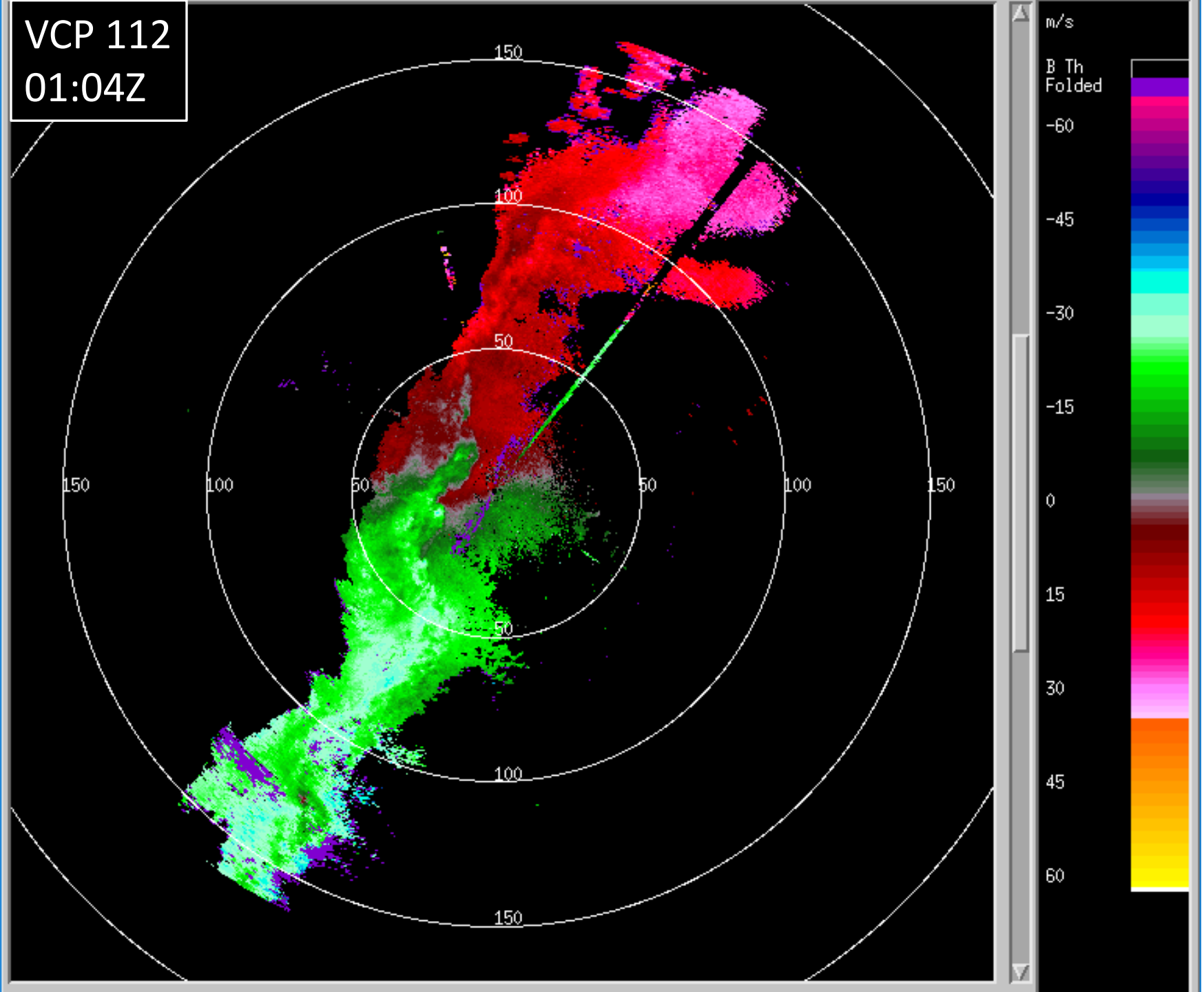
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m/s
B Th
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15
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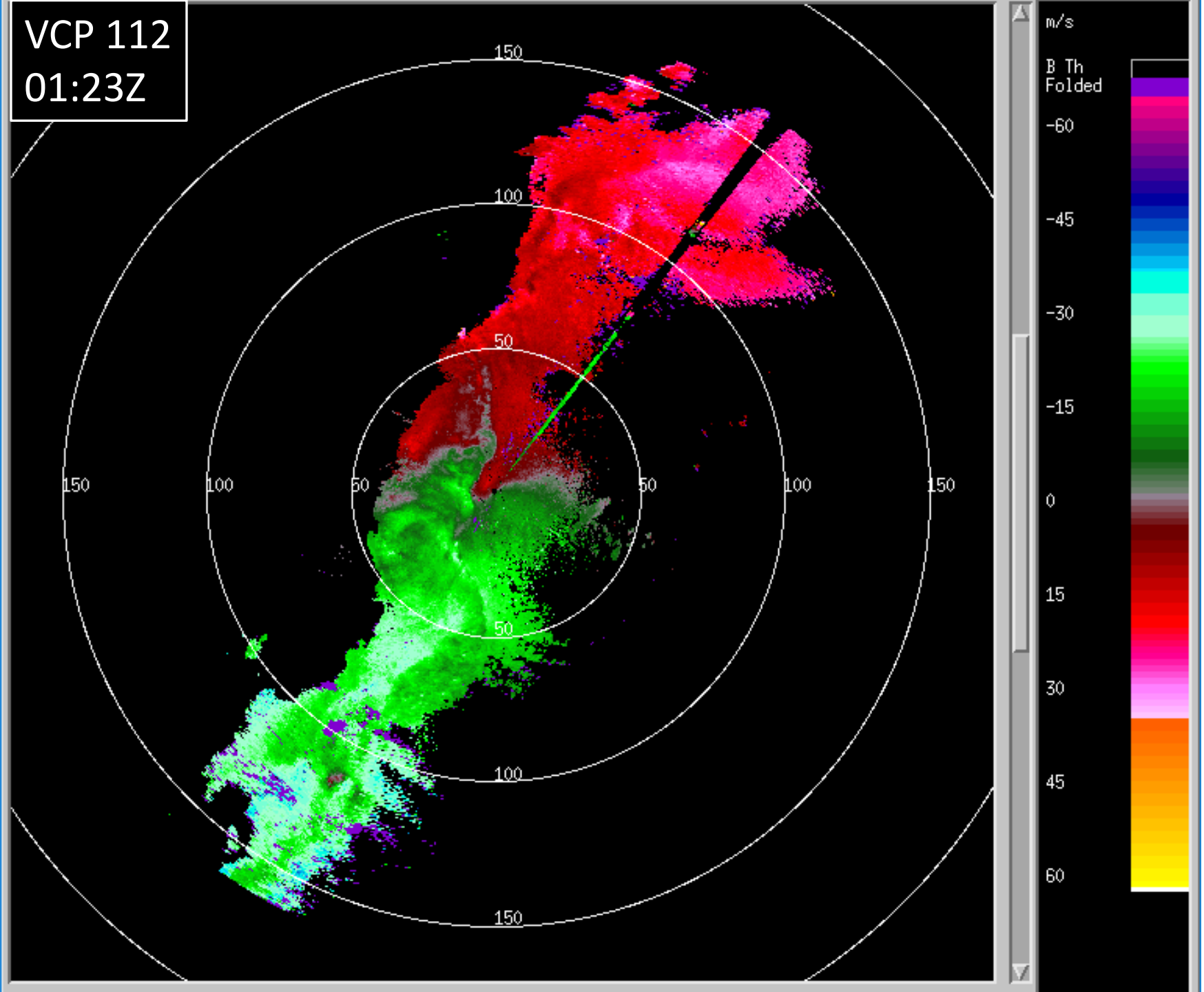
VCP 112
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m/s
B Th
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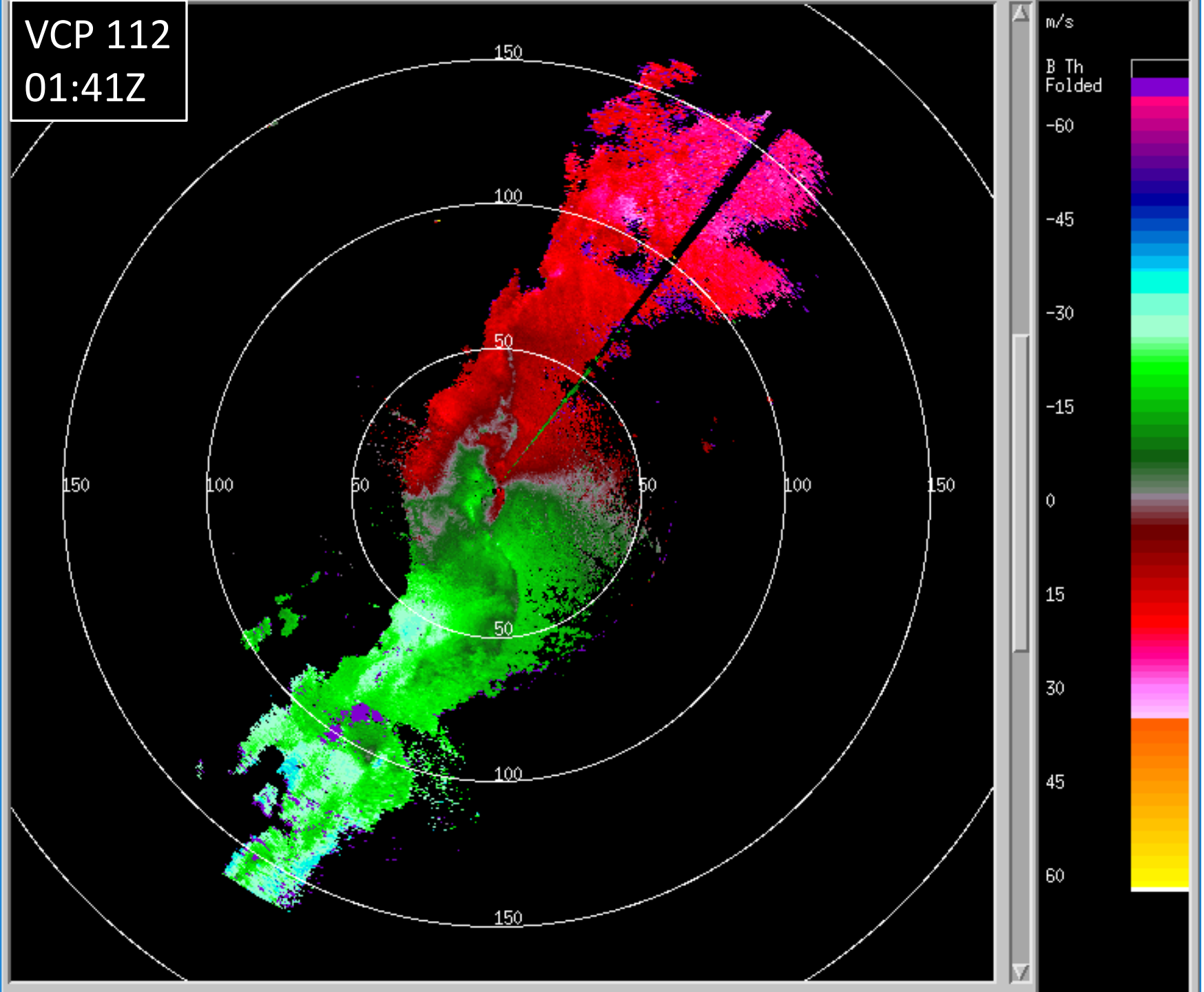
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m/s
B Th
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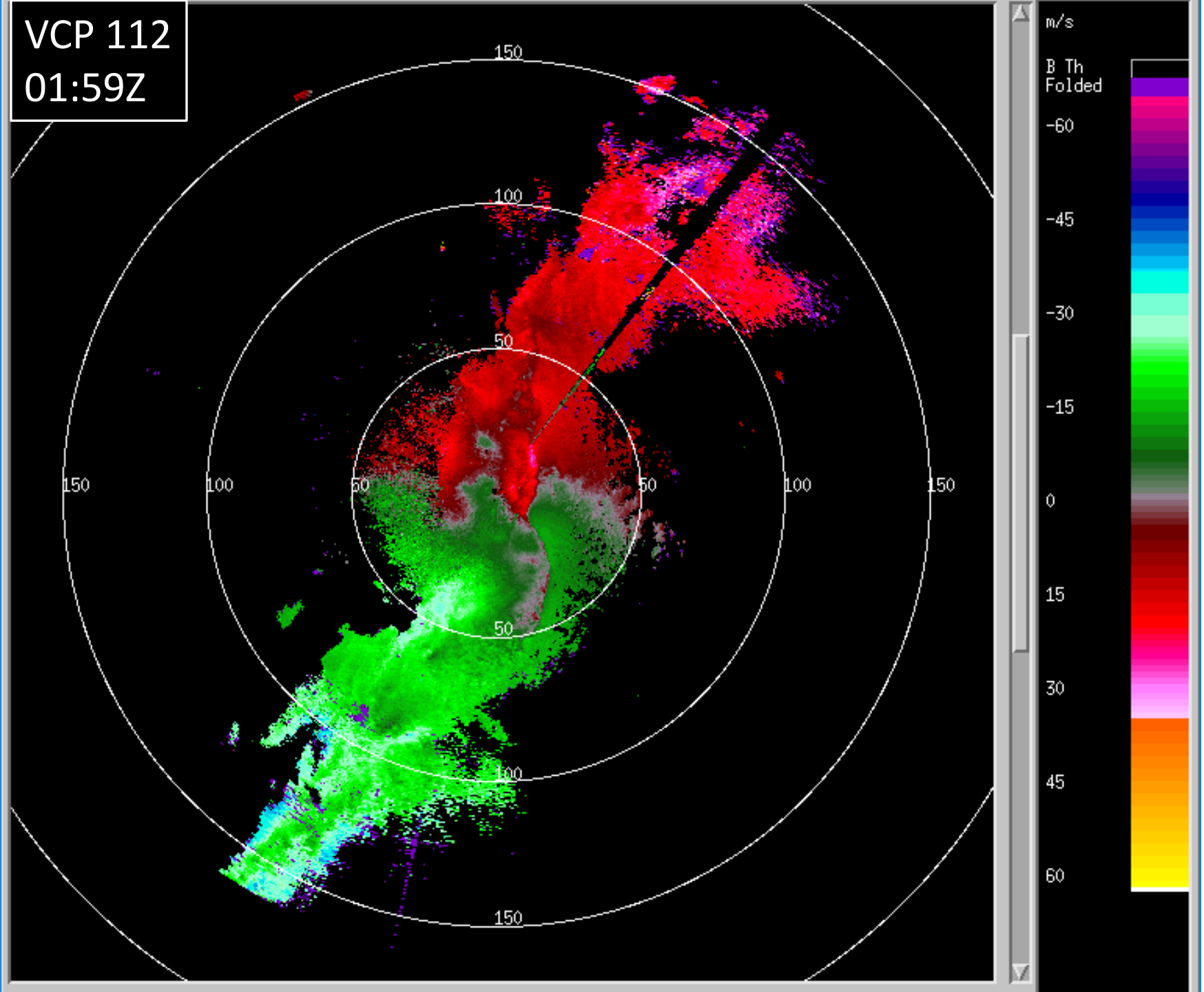
VCP 112
01:59Z
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100
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m/s
B Th
Folded
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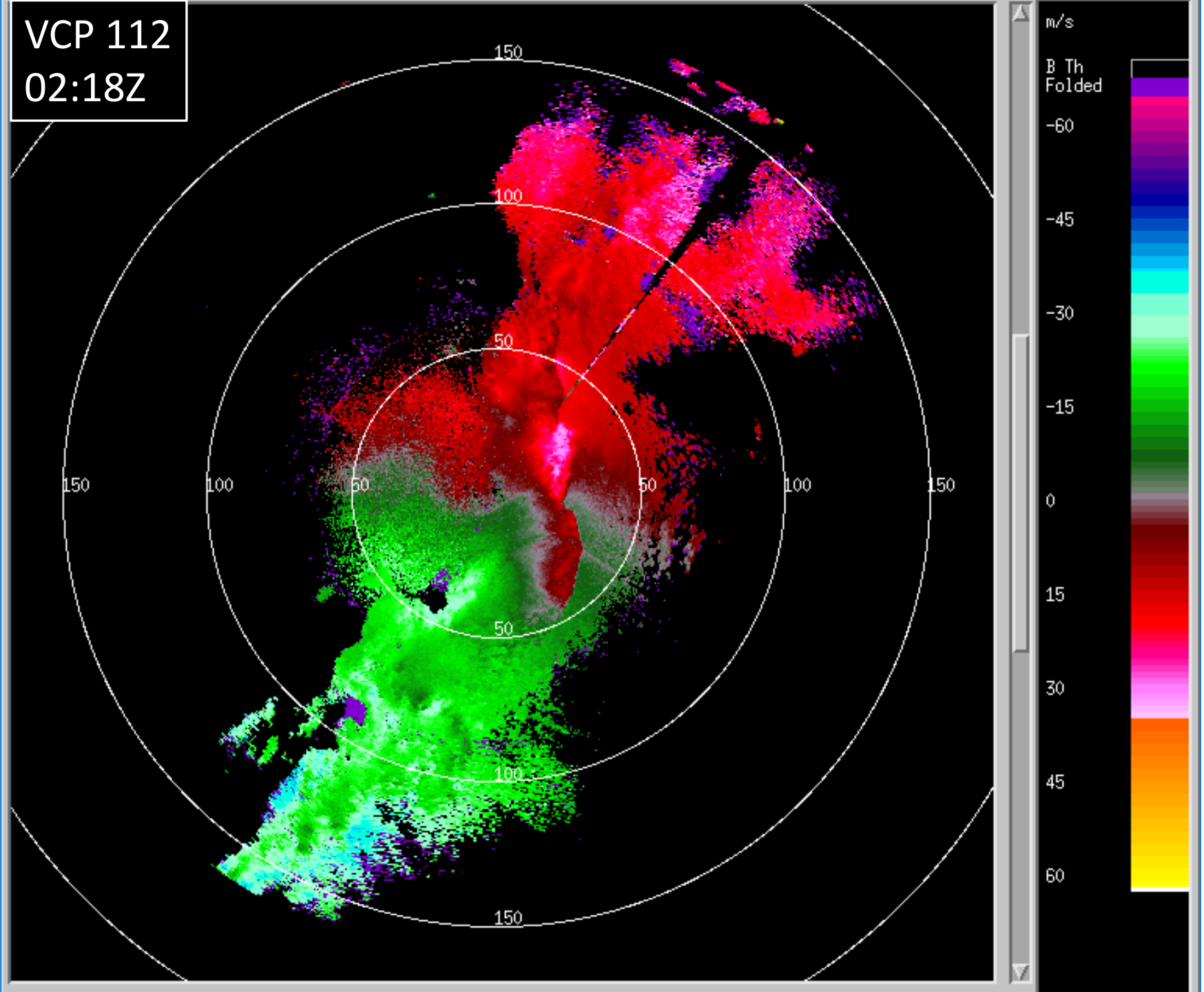
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m/s
B Th
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45
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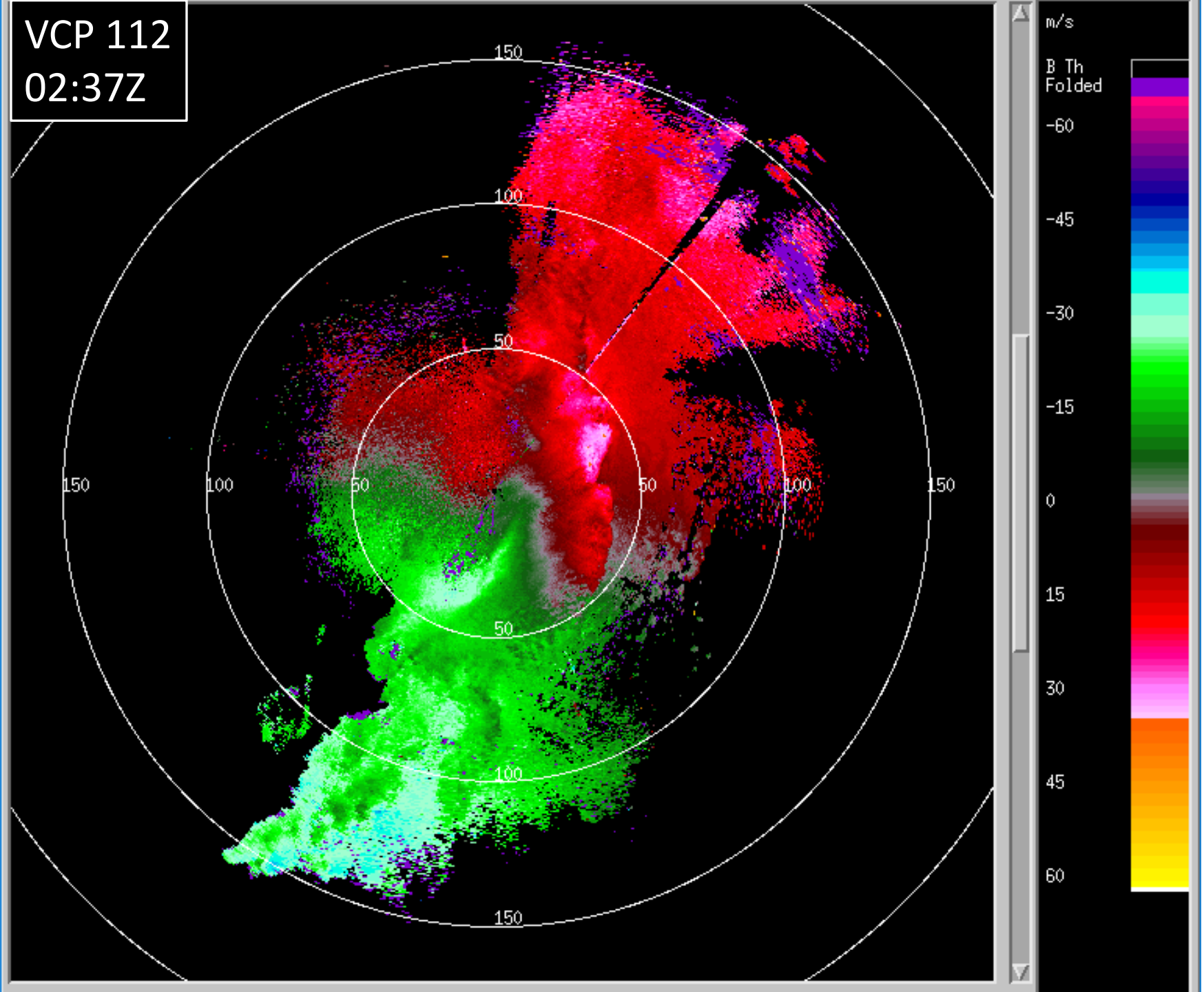
VCP 112
02:37Z
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100
150
m/s
B Th
Folded
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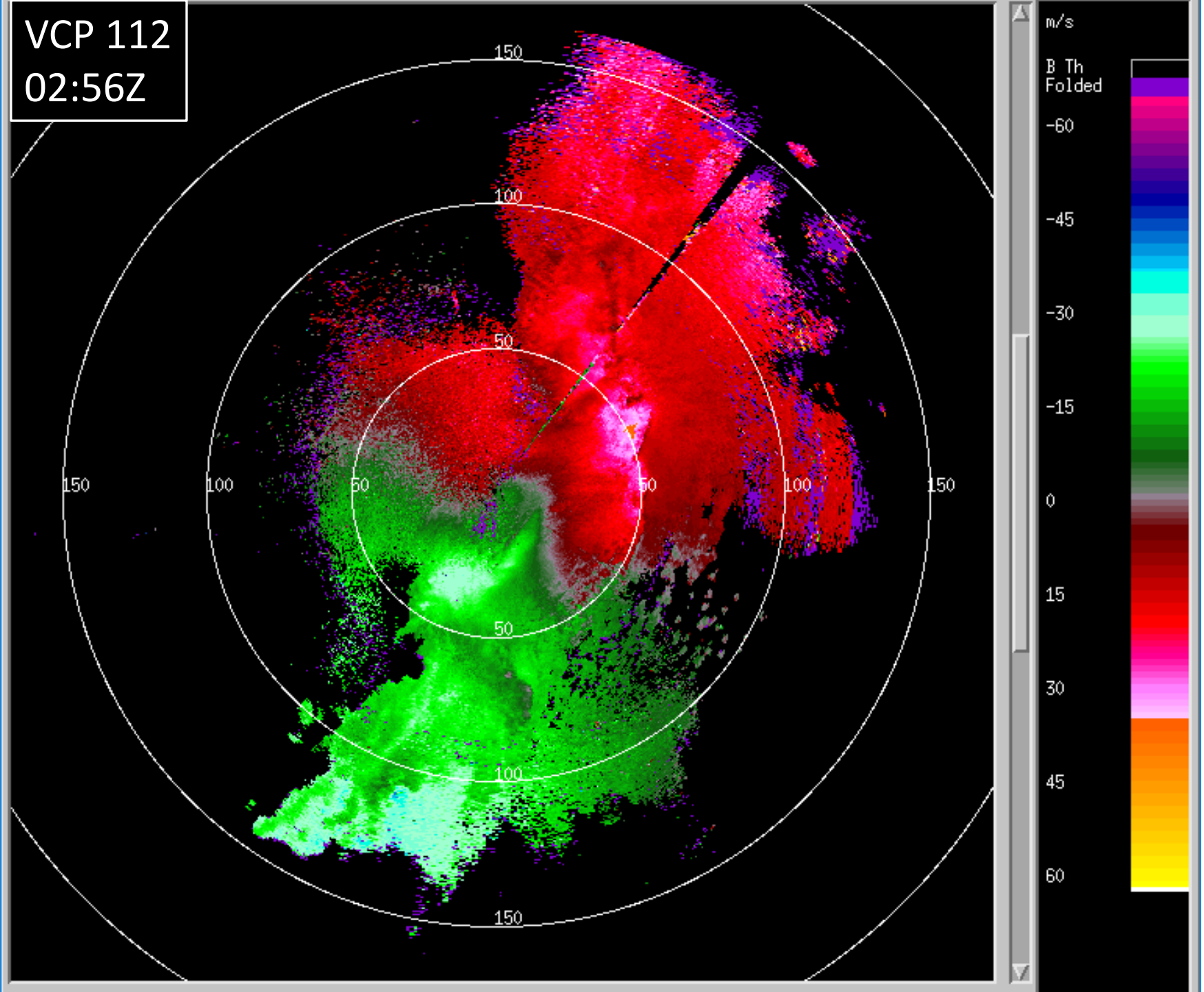
45
60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150
100
50
150
m/s
B Th
Folded
-60
-45
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0
15
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60

Conclusion

- The Multi-PRF Dealiasing Algorithm using VCP112 provides reliable robust velocity dealiasing that fills in potentially critical range folded areas

Caveat: For best results there needs to be a Current Wind Profile either from model data or VWP generated winds